

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1204	"347"/\$.cls. and ( diameter near nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 15:36
S1	1077	ink with (electrostatic adj force)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 14:34
S2	64360	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 08:52
S3	451	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:06
S4	31195	furukawa.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:07
S5	1077	ink with (electrostatic adj force)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:07
S6	64360	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:07
S7	451	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:07

S8	14	S4 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:08
S9	2353148	ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:08
S10	5	S9 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:38
S11	157	S9 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:53
S12	36783	electrode with ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 13:19
S13	285	S12 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 10:53
S14	17221	electrode with ((ink adj guide) or nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 11:03
S15	1093	(electrode with ((ink adj guide) or nozzle)) with distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 12:57

S16	132	S15 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 11:03
S18	33	(electrode with ((ink adj guide) or nozzle)) with (distance and height)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 12:58
S19	64360	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 12:58
S20	2	S18 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 13:17
S21	1288	(347/112,141,208,900).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 13:25
S22	113204	electrode with (ratio distance height)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 13:19
S23	146	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/15 13:19
S24	24084	(electrode with (distance height) or range) with ((ink adj guide) or nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:03

S25	3478828	(electrode with (distance height) or range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:03
S26	64360	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:02
S27	1876	S24 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:02
S28	22526	S25 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:02
S29	1360	(electrode with (distance height range)) with ((ink adj guide) or nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:03
S30	179	S29 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:03
S31	120987	(electrode with (distance height range))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:03
S32	2090	S31 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:03

S34	176204	kobayashi.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 10:31
S35	14	S34 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 11:21
S36	14425	diameter near (nozzle or (ink adj guide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 11:26
S37	1192	S36 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 11:25
S40	3100	(diameter near (nozzle or (ink adj guide))) near15 (millimeters mm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 11:27
S41	42	S40 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 11:29
S44	651	(height with electrode) with (tip nozzle (ink adj guide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 11:31
S45	36	S44 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 11:31

S46	936	(electrode with ring) with (nozzle (ink adj guide) tip with (diameter distance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 14:13
S47	64360	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 14:13
S48	56	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 14:14
S49	2	("2001129985").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 16:29
S50	8	("1078771").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/19 16:30
S52	2	("6,089,698").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 08:27
S54	2	((("6,158,844") or ("6,126,274"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 08:33
S55	468	(two near electrode\$2) with (nozzle (ink adj guide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 08:40

S56	64379	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 08:34
S57	99	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 08:34
S58	2995	((electrode\$2) with ((nozzle (ink adj guide)) near15 (distance diameter height length gap)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 08:42
S59	368	S58 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 08:49
S60	2	("6908177").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 08:49
S61	18182	nakazawa.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 10:01
S62	16	S61 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 11:17
S63	4	"10230608"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 11:17

S64	21456	((nozzle\$2 (ink adj guide)) with (degree angle near15 (hole wall open\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 13:45
S65	64379	("347").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 13:39
S66	1340	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 13:39
S67	10188	((nozzle\$2 (ink adj guide)) with ((degree angle) near15 (hole wall open\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 13:46
S68	309	S67 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 14:40
S69	44272	"20" near degree\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 14:40
S70	10	S69 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 14:42
S71	89	((contact adj angle) with (nozzle (ink adj guide)) with (degree\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 14:43



S72	29	S71 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/20 14:44
S73	333	(347/77).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/10 10:58
S74	23056	(electrode with ((ink adj guide) (ink adj tip) (nozzle)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:59
S75	103	S73 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:59
S76	509	399/273,290,293,294,295.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 14:49
S77	36	399/273,290,293,294,295.ccls. and (electrode with ((ink adj guide) nozzle open\$3 (ink adj tip)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 14:39
S78	0	399/273,290,293,294,295.ccls. and (electrode with ((ink adj guide) nozzle open\$3 (ink adj tip))) with (distance height range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 14:40
S79	3146	347/55,54,9.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 15:00

S80	701	347/55,54,9.ccls. and (electrode with ((ink adj guide) nozzle open\$3 (ink adj tip)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 14:52
S81	84	347/55,54,9.ccls. and (electrode with ((ink adj guide) nozzle open\$3 (ink adj tip))) with (distance height range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 15:21
S82	4667	347/55,54,9,103,111,112,120,123, 127,128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 15:01
S83	88	347/55,54,9,103,111,112,120,123, 127,128.ccls. and (electrode with ((ink adj guide) nozzle open\$3 (ink adj tip))) with (distance height range)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 15:01
S84	2	"20040001134"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 15:21
S85	1547	"347"/\$.ccls. and (contact near15 angle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/11 16:14
S86	297	"347"/\$.ccls. and (contact near15 angle) with (degree)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 16:16
S87	32	"347"/\$.ccls. and (contact near15 angle) with (nozzle (ink adj guide)) with (degree)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/11 16:16

S90	0	"347"/\$.ccls. and (((side adj by) with (electrode)) with ((ink adj (tip guide)) nozzle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 08:56
S91	619	"347"/\$.ccls. and (((side) with (electrode)) with ((ink adj (tip guide)) nozzle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 08:56
S92	67	"347"/\$.ccls. and (((side) near (electrode)) with ((ink adj (tip guide)) nozzle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 09:31
S93	2	("20040001134").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 09:07
S94	19	"347"/\$.ccls. and (((parallel) near (electrode)) with ((ink adj (tip guide)) nozzle))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/12 09:31
S95	6	("6158844").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 09:56
S96	3	"347"/\$.ccls. and (average near diameter near nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 15:36
S97	6	("6158844").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/12 14:02